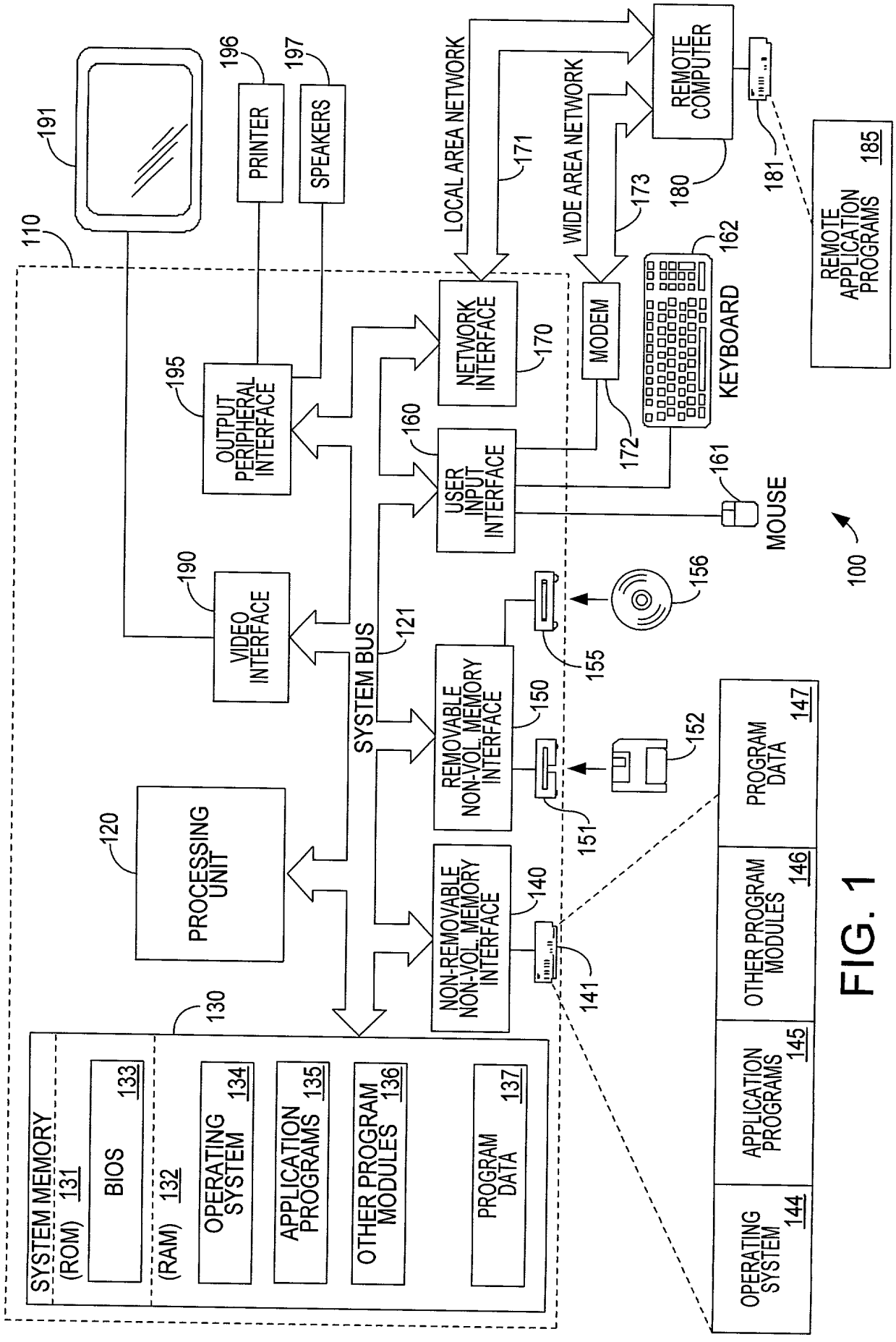

110
191
196
PRINTER
197
SPEAKERS
LOCAL AREA NETWORK
171
WIDE AREA NETWORK
173
REMOTE COMPUTER
180
181
REMOTE APPLICATION PROGRAMS
185
162
KEYBOARD
172
MODEM
NETWORK INTERFACE
170
195
OUTPUT PERIPHERAL INTERFACE
160
USER INPUT INTERFACE
161
MOUSE
190
VIDEO INTERFACE
121
SYSTEM BUS
156
155
150
REMOVABLE NON-VOL. MEMORY INTERFACE
152
151
120
PROCESSING UNIT
140
NON-REMOVABLE NON-VOL. MEMORY INTERFACE
141
130
SYSTEM MEMORY
(ROM) 131
BIOS 133
(RAM) 132
OPERATING SYSTEM 134
APPLICATION PROGRAMS 135
OTHER PROGRAM MODULES 136
PROGRAM DATA 137
OPERATING SYSTEM 144
APPLICATION PROGRAMS 145
OTHER PROGRAM MODULES 146
PROGRAM DATA 147
100

FIG. 1

FIG. 2

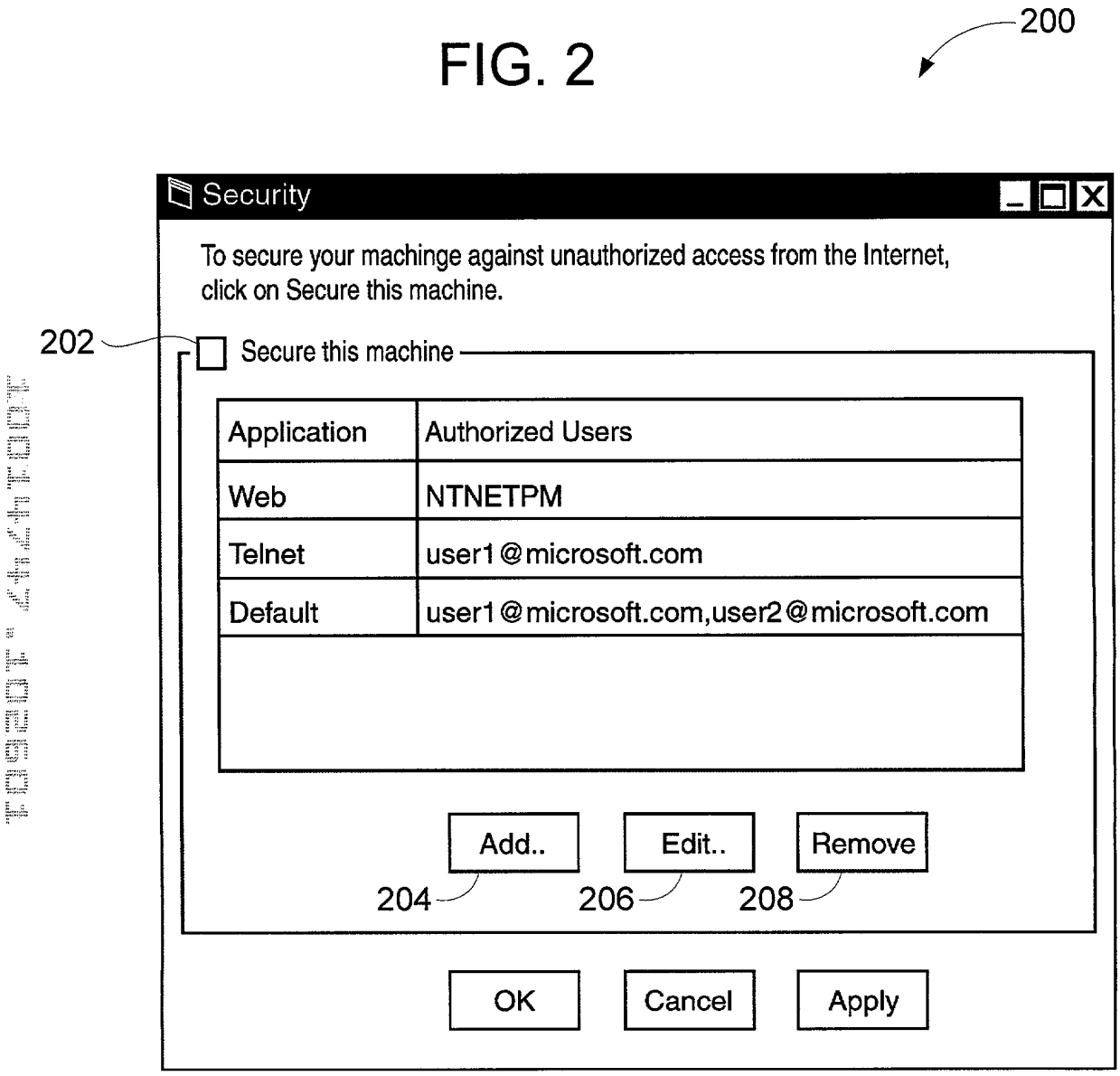

200
Security
To secure your machinge against unauthorized access from the Internet, click on Secure this machine.
202
Secure this machine
Application
Authorized Users
Web
NTNETPM
Telnet
user1@microsoft.com
Default
user1@microsoft.com,user2@microsoft.com
Add..
Edit..
Remove
204
206
208
OK
Cancel
Apply

FIG. 3

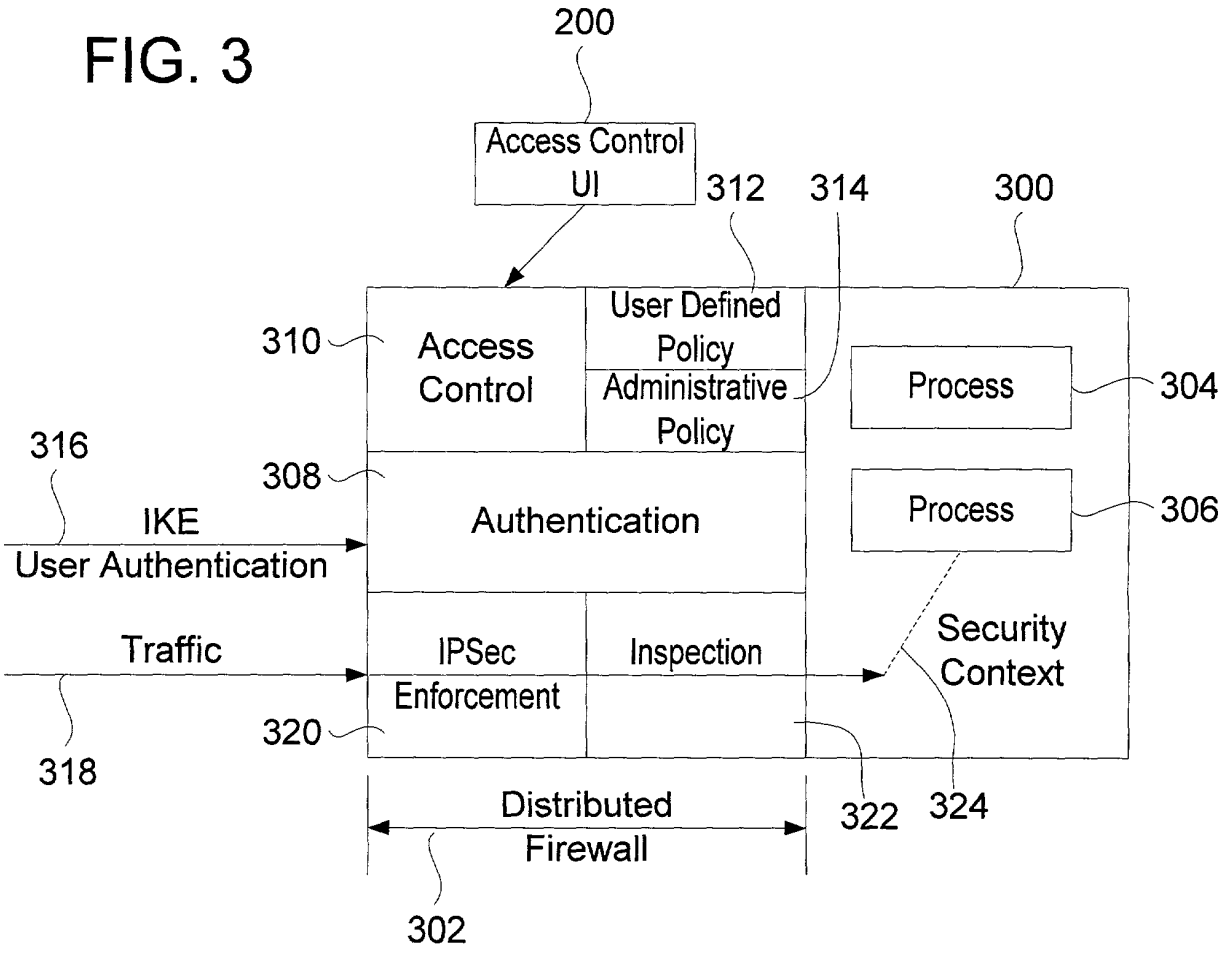

200
Access Control UI
312
314
300
310
Access Control
User Defined Policy
Administrative Policy
Process
304
316
308
IKE
User Authentication
Authentication
Process
306
Traffic
IPSec Enforcement
Inspection
Security Context
320
318
322
324
Distributed Firewall
302

FIG. 5

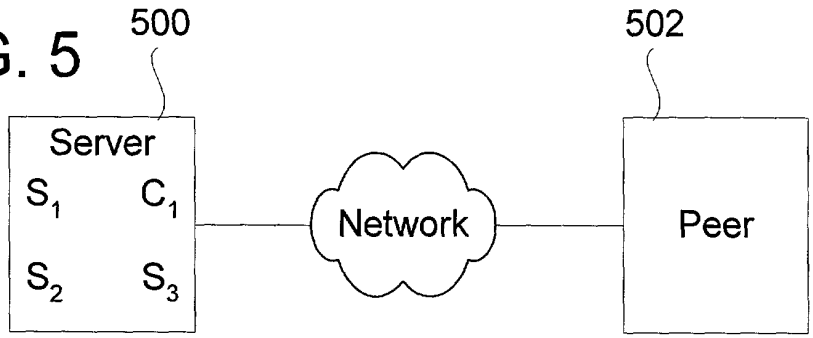

500
502
Server
S_1
C_1
S_2
S_3
Network
Peer

FIG. 4

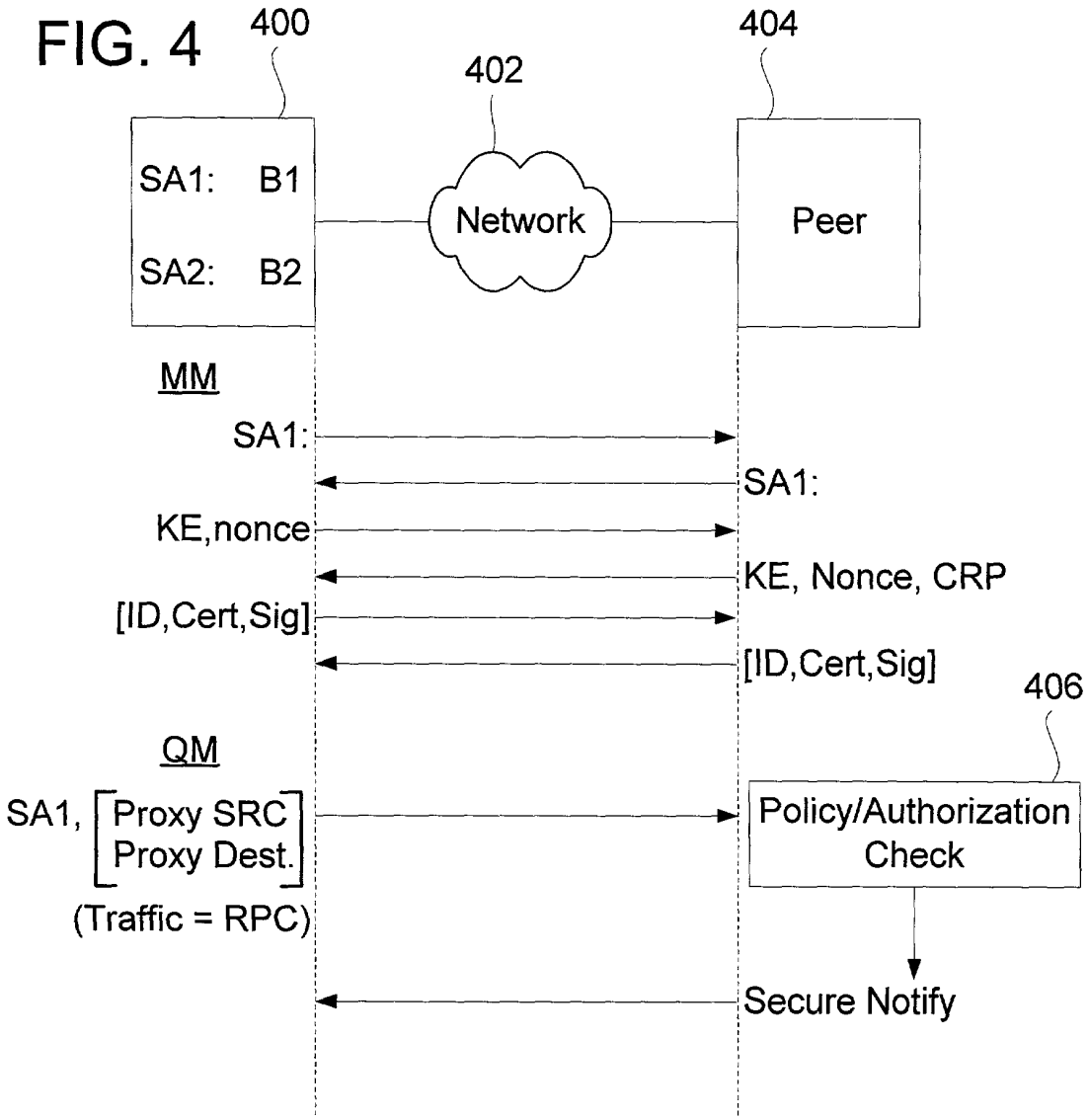
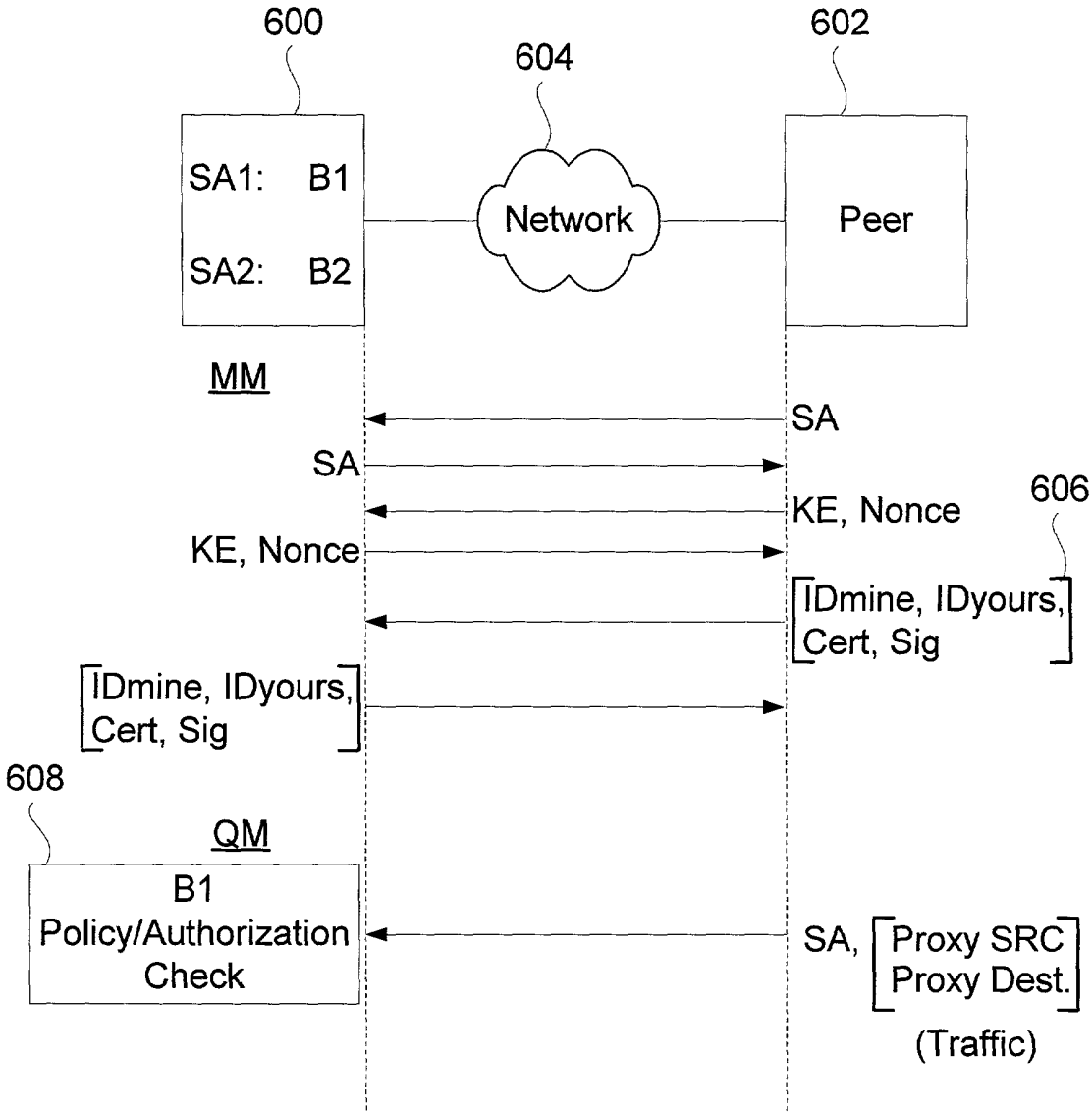

400
402
404
SA1: B1
SA2: B2
Network
Peer
MM
SA1:
SA1:
KE,nonce
KE, Nonce, CRP
[ID,Cert,Sig]
[ID,Cert,Sig]
406
QM
SA1, [Proxy SRC Proxy Dest.]
(Traffic = RPC)
Policy/Authorization Check
Secure Notify

FIG. 6


600
604
602
SA1: B1
SA2: B2
Network
Peer
MM
SA
SA
KE, Nonce
606
KE, Nonce
[IDmine, IDyours, Cert, Sig]
[IDmine, IDyours, Cert, Sig]
608
QM
B1 Policy/Authorization Check
SA, [Proxy SRC Proxy Dest.]
(Traffic)

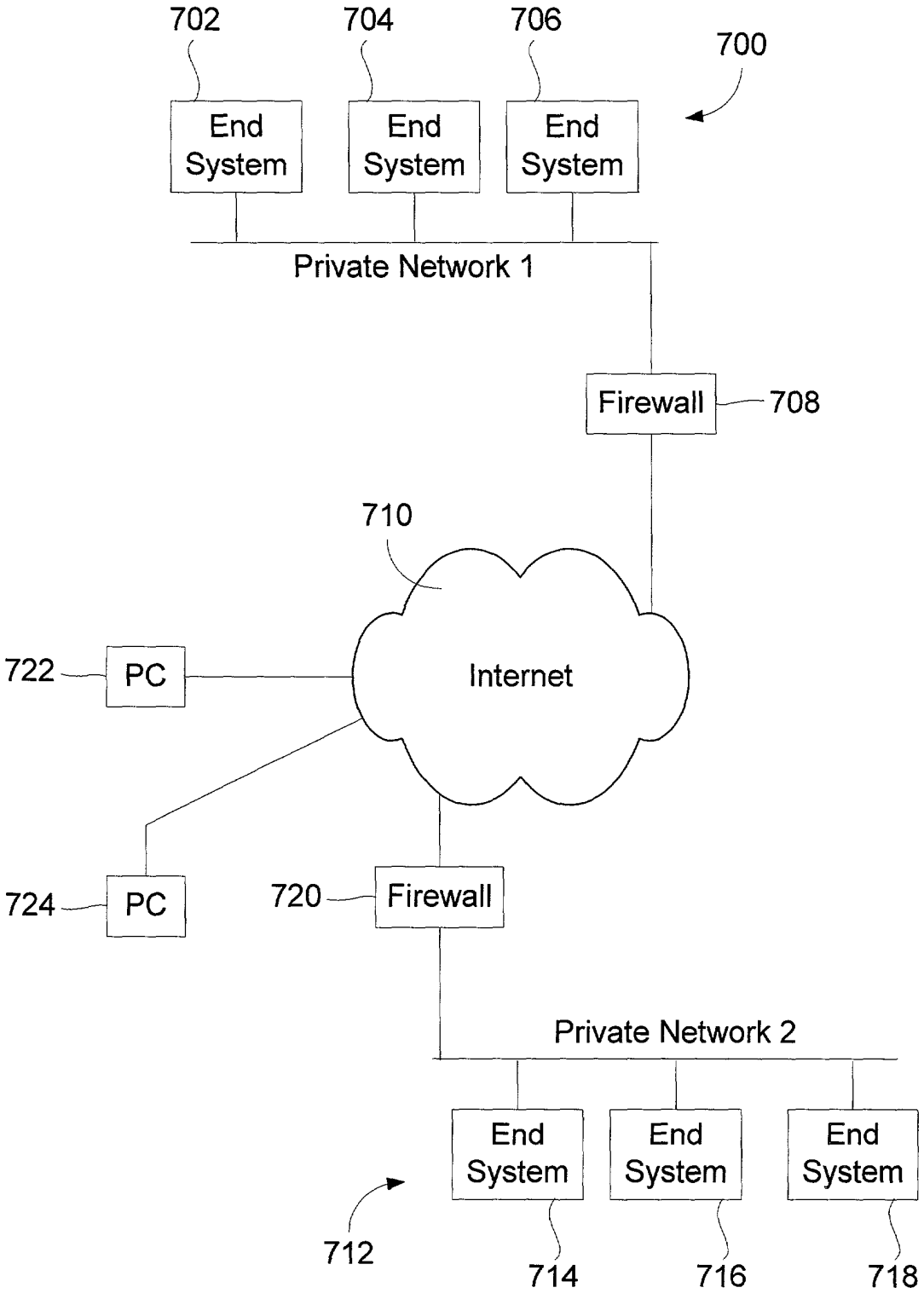



FIG. 7
(PRIOR ART)